Yabuki et al.			[45]	Date of Patent:	Dec. 19, 1989
[54] [75] [73]	RESISTA	BUILD-UP ALLOY EXCELLENT IN NCE TO CORROSION AND WEAR  Ritsue Yabuki; Saburo Wakita, both of Omiya, Japan  Mitsubishi Kinzoku Kabushiki Kaisha, Tokyo, Japan	57-16 Primary E Attorney, 2	OREIGN PATENT DO  145 1/1982 Japan  Examiner—Deborah Yee Agent, or Firm—Armstroein, Kubovcik & Murray  ABSTRACT	ong, Nikaido
[21] [22] [30] Jui	l. 16, 1987 [J]	Jul. 7, 1988  n Application Priority Data P] Japan	An Fe-base build-up alloy excellent in resistance to corrosion and wear is disclosed. This alloy comprises in weight percent:  C: from 0.005 to 1.6%,  Mn: from 4 to 28%,  Cr: from 12 to 36%,  Mo: from 0.01 to 9%,		
[51] [52] [58]	U.S. Cl		Hf: from 0.005 to 15%, N: from 0.01 to 0.9%, and optionally contained: Si: from 0 to 5%, Ni: from 0 to 30%, and		
[56]	References Cited U.S. PATENT DOCUMENTS		one or both of: Nb and W: from 0 to 6%, and		
3,861,907 1/1975 Dulis et al			the balance being Fe and incidental impurities.  3 Claims, No Drawings		

[11] Patent Number:

4,888,153

United States Patent [19]